

# Bird Strikes at the Chase Fine Arts Building

By Michael Preece

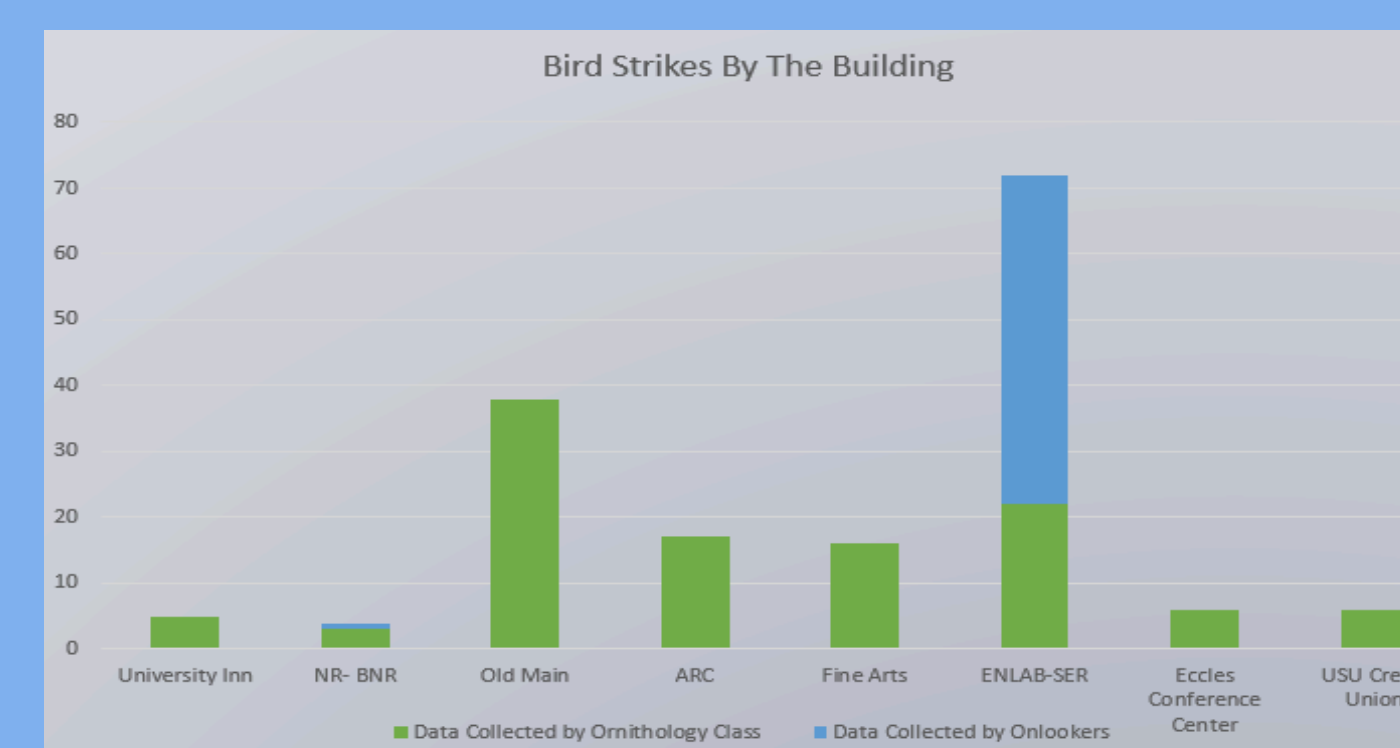
## Introduction

- Up to one billion birds die each year by striking windows.
- Bird eyes do not interpret windows as solid objects.
- At Utah State, hundreds of birds die each year in bird strikes.
- One of the buildings that is responsible for a large portion of bird strikes is the Chase Fine Arts building.
- Fruit trees in front of the Chase Fine Arts windows cause a reflection which confuse birds
- A reduction in window reflectivity greatly reduces bird strike problems.

## Chase Fine Arts Building

- The Chase Fine Arts building has four large windowed rooms with a total of 1800 square feet of window space.
- The building is on a main road, and its windows are clearly visible, so the solution needed to look clean and unobtrusive.
- With a limited budget the solution also had to be cost effective.

## Chase Fine Arts Windows



Frequency of Bird Strikes on Campus Buildings

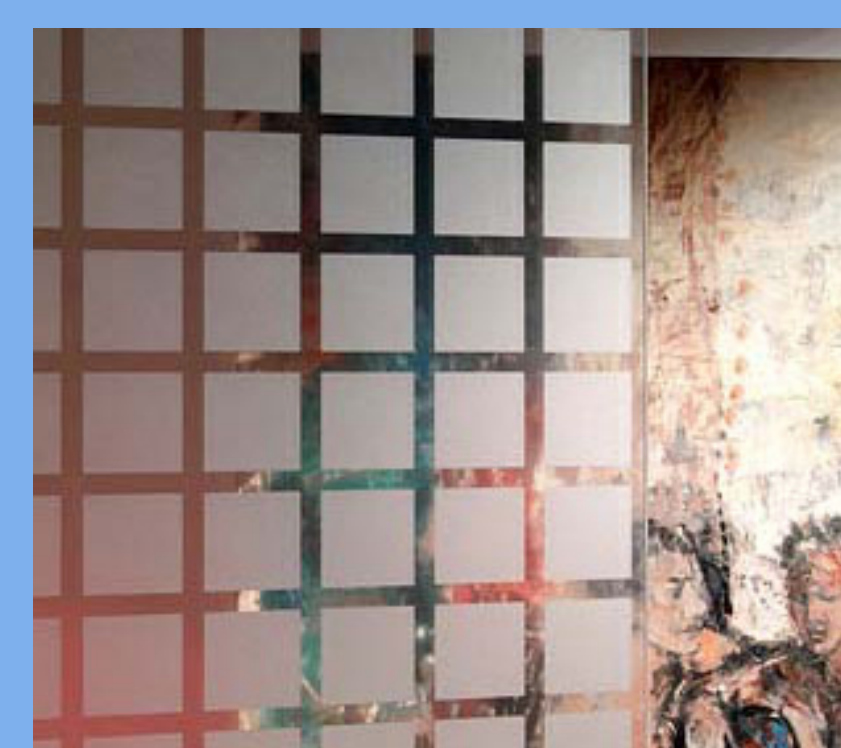


Outside View of the Windows



An Inside View of the Windows

## Prevention Options



• SunShield Pros



• Window Decals



• CollidEscape Color



• CollidEscape Clear

## Costs

- **Sun shield pro** is \$2.85 per square foot for a total of **\$5,130** across all windows.
- **Window Decals** were \$3.00 per square foot for a total of **\$5,400** for all windows.
- **Collidescape Clear** is \$3.50 per square foot for a total of **\$6,300** for all windows.
- **CollidEscape Color** is \$2.50 per square foot for a total of **\$4,500** for all windows.

## Conclusion

- We suggested to the administration to use CollidEscape Clear.
- This option was the least obtrusive option for the Chase Fine Arts building.
- Although it was the most expensive option, it was what best fit the university's requirements.

